

Amendments to the Claims

1. (Currently Amended) A read-only recording medium containing recorded data, comprising: wherein

~~at least one first data type area having a first data type~~ including user data is recorded
and that is pre-recorded thereon; and

~~a plurality of second data type areas is placed at a predetermined intervals in between~~
~~the first data types area, wherein the plurality of the second data type areas does not contain~~
~~the first data type user data, wherein a size of the first data type and the second data type is~~
~~equal to that of a predetermined data unit to be used in a writable recording medium, which is a~~
~~counterpart of the read-only recording medium, the predetermined data unit including user data~~
~~and invalid data.~~

2. (Currently Amended) The read-only recording medium of claim 1, wherein the first and second data types are located at a user data area of the read-only recording medium
~~area is a recording area.~~

3. (Currently Amended) The read-only recording medium of claim 1, wherein the first data type includes at least one error correcting code (ECC) unit, which includes an error correcting code is a real data.

4. (Currently Amended) The read-only recording medium of claim 1, wherein the ~~second data type area is a waste area~~ includes an invalid data, wherein a size of the second data type is equal to that of the invalid data of the predetermined data unit to be used in the
writable recording medium.

5. (Currently Amended) The read-only recording medium of claim 1, wherein ~~each one of the plurality of the second data type areas is placed~~ preceded or followed by at
~~every ECC block of the first data type.~~

6. (Canceled)

7. (Currently Amended) The read-only recording medium of claim 1, wherein a size of ~~each~~ the second data type area is equal to that of ~~a linking loss area reserved in a~~

~~rewritable DVD-RW~~ the invalid data to be allocated intermittently in the user data of a writable recording medium.

8. (Currently Amended) The read-only recording medium of claim 1, wherein a plurality of pre-pits of with each same length are formed in the ~~plurality of~~ second data type areas.

9. (Canceled)

10. (Original) The read-only recording medium of claim 8, wherein signals produced from said plurality of pre-pits are used for servo-control.

11. (Currently Amended) A read-only recording medium, comprising at least one waste area ensuring compatibility with a ~~RAM~~ writable recording medium, which is a counterpart of the read-only recording medium, ~~in data reproduction. wherein the at least one waste area includes invalid data that is excluded form data reproduction, and the waste area is located at a predetermined interval between first data units including real user data, the first data units including at least one error correcting code (ECC) unit having error correcting code.~~

12. (Currently Amended) A reproduction device for reproducing data pre-recorded on a read-only recording medium, the reproduction device comprising:

an optical pickup device for reading recorded data on the read-only recording medium;

a signal processor for reproducing the recorded data in a recognizable form; and

a controller connected to and controlling the optical pickup device and the[:];]

a signal processor, ~~connected to the controller for reproducing the recorded data in a recognizable form; wherein the controller~~[:];] checks a presence of invalid data from one of a plurality of waste areas which are allocated at predetermined intervals in the read-only recording medium, and controls the signal processor to sequentially output a first data unit before and after invalid data while excluding the invalid data from the output.

~~reads recorded data from a first one of a first data type area having a first data type that is pre-recorded in the read-only recording medium;~~

~~stores the first data type read from the first one of the first data type area in a memory;~~

~~detects a second data type area containing a second data type in the read-~~

only recording medium;

~~_____ prevents storing of the second data type in the memory;~~
~~_____ reads a second one of the first data type area; and~~
~~_____ stores the first data type read from the second one of the first data type area in the memory.~~

13. (Currently Amended) The reproduction device of claim 12, wherein the ~~second data type waste area is located between the first data unit including user data area is placed at every ECC block of the first data type.~~

14. (Currently Amended) The reproduction device of claim ~~12~~ 13, wherein the first data unit includes at least one ECC unit having error correcting code a size of the second data type area is equal to that of a header information area reserved in a rewritable DVD-RAM.

15. (Currently Amended) The reproduction device of claim 12, wherein a size of the ~~second data type area~~ first data unit and the waste area is equal to that of a predetermined data unit a linking loss area reserved in a rewritable DVD-RW writable recording medium.

16. (Currently Amended) The reproduction device of claim 12, wherein a plurality of pre-pits of having each same length are formed in the ~~second data type waste~~ area.

17. (Currently Amended) The reproduction device of claim 12, wherein a size of ~~each second data type~~ the waste area is equal to that of a non-user data area allocated intermittently in a user data area of a rewritable recording medium.

18. (Currently Amended) The reproduction device of claim 16, wherein the controller controls a servo operation using signals produced from said plurality of pre-pits are used for servo control.

19. (Currently Amended) A method of reproducing data stored in a read-only recording medium, comprising the steps of:

- (a) reproducing data from the read-only recording medium;
- (b) checking ~~whether or not~~ a presence of invalid data from the reproduced data, is the invalid data from one of a plurality of waste areas which are allocated at predetermined intervals

in the read-only recording medium; and

(c) ~~removing the invalid data and~~ outputting the reproduced data before and ~~behind~~ after the invalid data in succession while excluding the invalid data as a result of step (b), wherein said waste area is allocated between a first data type of the stored data, the first data type includes at least one ECC unit having an error correcting code.

20. (Currently Amended) The method of claim 19, wherein a size of said waste area and first data type is allocated every ECC block of the stored data equal to that of a predetermined data unit to be used in a writable recording medium, which is a counterpart of the read-only recording medium, the predetermined data unit including user data and invalid data.

21. (Currently Amended) A method of reproducing data stored in a read-only recording medium, comprising the steps of:

(a) reproducing data from the read-only recording medium;

(b) checking whether or not a current reproducing position is at one of a plurality of waste areas which are allocated at predetermined intervals in the read-only recording medium; and

(c) skipping the waste area without reproducing arbitrary signals of the waste area if the current reproducing position is at the waste area, wherein said waste area is allocated respectively between a first data type of the stored data, the first data type includes at least one ECC unit having an error correcting code.

22. (Currently Amended) A method of reproducing data in a read-only recording medium, comprising the steps of:

~~reading a first one of a first data type area having a first data type that is pre-recorded thereon~~ having at least one ECC unit, which includes an error correcting code; and

~~storing the first data type sequentially read from the first one of the first data type area in a memory[[:]]~~ while preventing a storing of

~~detecting a second data type area containing a second data type; an invalid data, the second data type preceded or followed by the first data type, wherein a size of the first data type and the second data type is equal to that of a predetermined data unit to be used in a writable recording medium, which is a counterpart of the read-only recording medium, the predetermined unit including user data and invalid data.~~

~~prevent storing of the second data type in the memory;~~

~~reading a second one of the first data type area; and~~
~~storing the first data type read from the second one of the first data type are in the memory.~~